



SEQUENCE LISTING

<110> PHENOGENE THERAPEUTIQUES INC.

<120> NUCLEIC ACID MOLECULE, METHOD AND KIT FOR SELECTING A
NUCLEIC ACID HAVING A DESIRED FEATURE

<130> 29313-001

<160> 32

<170> PatentIn version 3.0

<210> 1

<211> 24

<212> DNA

<213> artificial sequence

<400> 1

ggatccaata gaggattctt taac

24

<210> 2

<211> 21

<212> DNA

<213> artificial sequence

<400> 2

caccactct tctgtccctt c

21

<210> 3

<211> 25

<212> DNA

<213> artificial sequence

<400> 3

ggtacccctacg aacatgacgac cactg

25

<210> 4

<211> 21

<212> DNA

<213> artificial sequence

<400> 4

tcattcttcgt gtgctagtca g

21

<210> 5

<211> 30

<212> DNA

<213> artificial sequence

<400> 5

agcgaattcg tcctgtggac agatcactgc

30

<210> 6

<211> 30

<212> DNA

<213> artificial seque

<400> 6
gctctcgagg aaggcacagc tgctttccac

30

<210> 7
<211> 30
<212> DNA
<213> artificial sequence

<400> 7
cttctcgagc agtttaaacg tgagcttccc

30

<210> 8
<211> 30
<212> DNA
<213> artificial sequence

<400> 8
acgtctagat catcttcgtg tgctagtcag

30

<210> 9
<211> 47
<212> DNA
<213> artificial sequence

<400> 9
cgagcagat ctgcagcacc actggtcacg gcaatgtgtc ggagcgg

47

<210> 10
<211> 43
<212> DNA
<213> artificial sequence

<400> 10
ccgctccgac acattgccgt gaccagtggg gctgcagatc tgc

43

<210> 11
<211> 63
<212> DNA
<213> artificial sequence

<400> 11
gtgtccaagc catcagaggg gaaataaagc atctctacgg tggctcctaaa tagtcagcat

60

agt

63

<210> 12
<211> 28
<212> DNA
<213> artificial sequence

<400> 12
ccagagctca tgcggaccac tcttctgt

28

<210> 13
<211> 24
<212> DNA
<213> artificial sequence

<400> 13
tcgcgattta aattaattaa gctt

24

<210> 14
<211> 24
<212> DNA
<213> artificial sequence

<400> 14
aagcttaatt aatttaaadc gcga

24

<210> 15
<211> 18
<212> DNA
<213> artificial sequence

<400> 15
gacgcgtag atctcacc

18

<210> 16
<211> 20
<212> DNA
<213> artificial sequence

<400> 16
gatccgcacc gcaatatggc

20

<210> 17
<211> 25
<212> DNA
<213> artificial sequence

<400> 17
tctagagatg cattatgcac atcag

25

<210> 18
<211> 60
<212> DNA
<213> artificial sequence

<400> 18
tccaagccat cagaggggaa ataaagcatc tctacggtgg tcctaaatag tcagcatagt

60

<210> 19
<211> 60
<212> DNA
<213> artificial sequence

<400> 19

actatgctga ctatttagga cccgtaga gatgctttat ttcccctctatggcttgga 60

<210> 20
<211> 20
<212> DNA
<213> artificial sequence

<400> 20
tagtcagcat agtacatttc 20

<210> 21
<211> 51
<212> DNA
<213> artificial sequence

<400> 21
tcgatccgaa ttcgcggccg ctctattgga tcctcgagca gatctgcagc a 51

<210> 22
<211> 148
<212> DNA
<213> artificial sequence
<400> 22
agatgaatca agcttatcga taccgtcgag catgcatcta ggtgtccaag ccatcagagg 60
ggaaataaag catctctacg gtggtcctaa atagtcagca tagtacattt catctgacta 120
atactacaac accaccacca tgaataga 148

<210> 23
<211> 18
<212> DNA
<213> artificial sequence
<400> 23
gagtgggtccg catggtga 18

<210> 24
<211> 54
<212> DNA
<213> artificial sequence

<400> 24
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaggggaatt tcgcgattta aatt 54

<210> 25
<211> 48
<212> DNA
<213> Sindbis virus

<400> 25
tctgcagcac cactgggtcac ggcaatgtgt ttgctcggaa atgtgagc 48

<210> 26
<211> 16
<212> PRT
<213> Sindbis virus

<400> 26

Ser Ala Ala Pro Leu Val Thr Ala Met Cys Leu Leu Gly Asn Val Ser
1 5 10 15

<210> 27
<211> 48
<212> DNA
<213> artificial sequence

<400> 27

tctgcagcac cactggtcac ggcaatgtgt cggagcggaa atgtgagc

48

<210> 28
<211> 16
<212> PRT
<213> artificial sequence

<400> 28

Ser Ala Ala Pro Leu Val Thr Ala Met Cys Arg Ser Gly Asn Val Ser
1 5 10 15

<210> 29
<211> 44
<212> DNA
<213> artificial sequence

<400> 29

gagagagaga gagtttaaac gtcgactttt tttttttttt tttt

44

<210> 30
<211> 34
<212> DNA
<213> artificial sequence

<400> 30

gctaagcttg ctatcggcgg ccgcgagaat tcgt

34

<210> 31
<211> 30
<212> DNA
<213> artificial sequence

<400> 31

acgaattctc gcggccgccg atagcaagct

30

<210> 32
<211> 16
<212> PRT
<213> artificial sequence

[illegible]